Message from the CEO

IRP Fire & Safety Limited is a member of the IRP Group of companies. Incorporated in 1974 we have served the Trinidad and Tobago market with distinction and integrity for over 40 years. We are the leading supplier of Fire, Safety, Marine and Environmental products to many local and regional industries. We have established comprehensive relationships with our clients by learning their environments, challenges and goals, to offer tangible solutions. We continue to manage our business around the evolving needs of our clients, allowing us to be at the vanguard of change and deliver value.

Our staff are committed to delivering the highest quality products, while providing supreme service to our valued customers. As we move forward, we continue to assess our customer’s needs and work assiduously to provide the best safety solutions.

Warmest Regards,
David Thompson
CEO IRP Fire & Safety Ltd.

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EXECUTIVE TEAM

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WHERE WE DO BUSINESS

CARIBBEAN
Adria, Barbados, Curacao, Antigua & Barbuda, Anguilla, Barbades, Bahamas, Dominica, Grenada, Jamaica, Montserrat, St. Kitts & Nevis, St. Maarten, St. Lucia, St. Vincent & The Grenadines.

CENTRAL AMERICA
Belize

SOUTH AMERICA
Guyana, Suriname
CUSTOMER CARE SERVICE

Our commitment to providing the highest quality service to our clients makes us what we are today, the premier supplier of strategic customer care solutions. Customer care is key to our growth and continued profitability as it has been since our inception. Comprised of trained technical and professionally certified staff, we stand behind our promise to deliver timely, quality service. We measure, monitor and report to ensure our performance exceeds industry standards.

AFTER SALES SERVICE

Our Service Team offers customers an unmatched level of knowledge combined with the skills and experience to turn business challenges into competitive advantages. Our team of professionals will work with you to develop appropriate service solutions for you and your operation, helping maximize your return on investment. We believe that providing great after sales service shows the loyalty that we have for our customers.

Some of our After Sales Services includes, but are not limited to:
- Our MSA Repair/Service Centre
- Hydrostatic Testing Machine
- Refilling Station
- Postcheck computerized SCBA Testing
- Instrument Calibration
- Portable & Fixed Gas Detection Repair

www.irpltd.com
Our Engineering & Projects Division comprises a dedicated team of professionals responsible for design, programming, installation and commissioning of Safety and Fire Protection Systems.

The Team consists of Qualified Engineers, Project, CAD & Control Technicians, Project Managers and Administrative Staff who are all dedicated to System Design and Implementation.

We do business through “preferred supplier partnerships” and the use of certified engineering tools and software. Our technical team is able to provide high quality safety and fire systems meeting international codes and standards in relation to the Petroleum, Oil, Gas and Downstream Industries.

**IRP FIRE & SAFETY LTD. SERVICE CENTRE**

Flow Testing

Instrument Calibration

Hydrostatic test being performed

IRP Fire & Safety Limited’s fully equipped Service Centre includes highly trained and certified technicians to repair and certify all products purchased from us. In addition we also provide to our customers full training on the proper care, usage and maintenance of supplied equipment.

Our services also extends to a 24 hour onsite Trailer that is outfitted with equipment for service and calibration of gas detectors, SCBA cylinder re-filling and Respirator fit testing.

Cylinder refill being conducted

Respirator fit testing being conducted
SCBA CYLINDERS
- Hydrostatic Testing
- Refilling
FIRE EXTINGUISHERS
- Hydrostatic Testing
- Refilling
- Inspection & Recertification
- Installation
- Commissioning
- Service & Recharge
- Repainting
FIRE HOSE
- Installation
- Service & Repair
- Pressure Testing
- Hose Rental
FIRE PUMP
- Commissioning
- Inspection
- Rental
NITROGEN CYLINDERS
- Hydrostatic Testing
- Refilling
- Service & Repair

BREATHING AIRLINE SYSTEMS
- Service & Repair
- Inspection & Recertification
- Pressure Testing Airline Hose
PORTABLE GAS DETECTORS
- Service & Calibration
FIRE SCBA
- Cleaning
- Annual Flow Testing
- Inspection & Recertification
- Face piece Fit Testing
- Sanitization
FIXED GAS DETECTION SYSTEMS
- System Calibration
- Sensor Calibration
- Commissioning Fire & Gas
- Commissioning Fire Suppression
- System Installation
- Preventative Maintenance

TRAINING

www.irpltd.com
IRP Fire & Safety Limited is a full service fire protection and safety company and are proud distributors of Mine Safety Appliances (MSA), Jacob Hoses, Buckeye, Akron, Williams Fire and Darley all of which are world class leaders in Fire Services Equipment.

We are the only Caribbean/CARICOM Authorized Distributor to offer the region’s firefighters (both municipal and industrial) FULL after sales service (repairs, calibration and equipment testing) as well as training and certification.

- Hoses
- Nozzles
- Monitors
- Adapters
- Fire Protection Valves
- Foam & Foam Equipment
- Foam Stations
- TriMax
- Turnout Gear
- Fire Extinguishers
IRP Fire & Safety Limited is an official distributor of Amdac-Carmichael and Pierce Fire Trucks. They both carry comprehensive product ranges for every firefighting and rescue situation. Their vehicles are based on high-quality chassis with superstructure specifications that have been developed over many years and can offer the ideal choice for airports, industrial and domestic applications. All vehicles are designed to ensure all local, environmental and legal requirements are met.

IRP Fire & Safety Limited prides itself in understanding customers’ needs and ensuring a vehicle is supplied that meets those requirements.
• Airport Crash Trucks
• Industrial & Refinery
• Rescue
• LPA
• Foam
PERSONAL PROTECTIVE EQUIPMENT (PPE)

When it comes to safety, being somewhat prepared isn’t good enough. From hard hats and hearing protection to safety glasses and gloves, your employees should be protected with the proper PPE.

IRP Fire & Safety Limited offers head-to-toe personal protective equipment from leading manufacturers to help you keep your business compliant, employees or yourself safe, saving you time and reducing costs.

Safety Helmet

Full Face Respirators
- Full Face
- Half Face
- Cartridges

High Impact Gloves

Air Purifying Respirators

Personal Protective Equipment (PPE)
- Safety Caps & Hats
- Safety Glasses
- Ear Plugs & Ear Muffs
- Gloves
- Back Support Belts
- Safety Boots

Safety Glasses & Goggles

Fall Protection
- Harnesses
- Lanyards
- SRL’s & PFL’s
- Tripod
- Lifelines
- Anchorage Connectors

www.irpltd.com
IRP FIRE & SAFETY LTD. Boundary Rd., San Juan, Trinidad
Tel: (868) 674-0693/0694/3632 Fax: (868) 674-0736
New G1 Self Contained Breathing Apparatus

1. G1 Facepiece is lightweight and compact:
   - No electronics needed
   - Open port design with cross contamination protection
   - Comfortable and easy to use, with low breathing resistance on and off air

2. Control Module provides both color LCD and analog displays:
   - Display automatically turns on when control module is lifted into viewing position
   - Large print makes display easy to read
   - Provides more data and functionality than ever before
   - No matter which button is pressed, necessary information displays

3. Improved visibility through buddy lights and reflective material:
   - 4 buddy lights located on the backplate
   - 2 control module lights
   - Regulator light

4. Heads up display (HUD) shows remaining cylinder pressure in 4 increments via colored LEDs:
   - Clear and easy to understand and interpret provided information

5. Electronic communications are integrated into every unit:
   - Loud, clear communication
   - Removes inhalation breathing noise
6. MSA G1 SCBA ergonomics
   • Swiveling, adjustable lumbar pad manages SCBA weight
   • Improved comfort, balance, fit

7. Central power system for all electronics
   • Only one power source
   • Uses either alkaline or rechargeable battery
   • No need for multiple battery sizes
   • Low cost of ownership

8. Available in easily-upgradeable threaded or quick-connect cylinder attachment
   • Quick attachment and replacement for return to the fireground

Integrated technology for future expansion
• Bluetooth, RFID, Near Field Communication (NFC), long-range radio

Customizable — Built to meet your specific needs
• Control module and HUD display required information; easily adapt to existing standard operating procedure
• Wires/hoses can be routed as necessary
Altair 2X
- All ALTAIR 2X Gas Detectors
- Incorporate proven XCell® sensor technology
- Enhance worker safety, compliance and traceability
- Minimize cost of ownership
- Demonstrate rugged durability

Product Options
ALTAIR 2XP Gas Detector with XCell Pulse Technology:
H2S- Features the first stand-alone bump test, which eliminates the need for bottled gas!
- Bump test anytime, anywhere
- Based on proven science and patented sensor capabilities
- ALTAIR 2XP Gas Detector with XCell Pulse Technology: H2S
- ALTAIR 2X Gas Detectors: CO, CO-HC (High Concentration), CO-H2 (Hydrogen Resistant), H2S-LC, SO2, NO2, NH3 and Cl2
- ALTAIR 2XT Two-Tox Gas Detector: CO/H2S, CO-H2/H2S, CO/H2S-LC, CO/NO2 and SO2/H2S-LC

Altair 4X
The ALTAIR 4X is an extremely durable Multi-gas Detector that simultaneously measures up to four gases from a wide range of XCell(R) sensor options including combustible gases, O2, CO, H2S, SO2 and NO2. The ALTAIR 4X Detector surpasses industry standards in several crucial areas. Its four-year sensor life is 60% longer than the industry average, while its 24-hour run time exceeds the industry average by 71%. This versatile portable detector is a perfect match for industries ranging from firefighting to welding, and its digital sensor output makes it less likely to suffer from RF interference. The unit features exclusive MotionAlert™, which lets others know if the user has become immobile, and InstantAlert™, a manual alarm that alerts others of potentially dangerous situations. This rugged unit is designed to withstand a drop of up to 20ft. (6m) and uses less than half as much calibration gas as the industry average.
Altair 5X
The ALTAIR 5X Gas Detector is capable of measuring up to 6 gases simultaneously and is now available with integrated PID sensor for VOC detection. Driven by advanced MSA XCell® Sensor Technology, the ALTAIR 5X Gas Detector delivers faster response time, better stability, accuracy, longer service life, and cost savings over the life of the instrument.

GX2 Calibration System
Simplicity counts with the MSA GALAXY® GX2 Automated Test System for advanced safety management and effortless operation. The GALAXY GX2 Automated Test System provides simple, intelligent testing and calibration of MSA ALTAIR® and ALTAIR PRO Single-Gas Detectors and ALTAIR 4X and ALTAIR 5X Multigas Detectors.
Easy-to-use automated test stand offers high performance as either stand-alone unit or integrated portable detector management system, enabling total data access and control of the MSA ALTAIR family Gas Detector fleet. New MSA Link™ Pro Software for proactive safety management; gas exposure email alerts, direct data input, live filtering, test and exposure queries, collecting and printing reports.
FALL PROTECTION

Harnesses
- Evotech Vest Type
- Workman Vest Type
- Thermatek Vest Type

Lanyards
- Workman Pelican Twin Leg
- Workman Tieback Strap
- Thermatek Twin Leg

SRL's & PFL's
- Workman 12' PFL
- Workman Twin Leg PFL
- Workman 30'
- Dyna-Lock

Anchorage Connectors
- Tripods
- Life Lines
- Rescue Equipment

Accessories
- Suspension Trauma Safety Strap
- Lanyard Keepers
- Tool Stowage Lanyard

Evotech Harness
Workman Lanyard
Workman Tripod
Arc Flash Harness
Anchorage Connector Strap
Evotech Harness Model
Since the early 2000’s, IRP Fire & Safety Ltd. is known for being a supplier of innovative, high quality products in the marine industry. Our company started as a prominent supplier of marine hoses, since then we have diversified into supplying marine; buoys, ropes, anchors, chains and ancillary equipment to name a few. We also offer a comprehensive list of offshore marine equipment and accessories as well as Oil Spill Response Equipment.

We are a Marine Safety Supplier offering items such as:

- GMPHOM 2009 hoses
- LPG offshore hose
- Dock Hoses
- Mooring Ropes
- Mooring Hawser
- Chains
- Mooring Buoys
- SPM—single point mooring systems
- Shackles
- Chain Support Buoys
- Breakaway Couplings
- Technical Supports/Sales
- TODO couplings
1: Mooring System
2: Chain
3: Hose
4: Anchor
5: Mooring Line
6: PLEM - Pipeline End Manifold
Dunlop Type C282/C283
Standard Duty Suction and Discharge Hose
Fully complying with BS EN 1765: 2004 Type S10/S15

Application
Lightweight, flexible hoses offering easy handling. Generally used at dockside and jetty locations. Similar hose type also available with other lining for transfer of different chemicals.

<table>
<thead>
<tr>
<th>Working/Burst Pressure (S10) (S15)</th>
<th>10/40 bar (Dunlop Type C282) 15/60 bar (Dunlop Type C283)</th>
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</thead>
<tbody>
<tr>
<td>Operating Temperature</td>
<td>-20°C to +82°C</td>
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<tr>
<td>Electrical Continuity</td>
<td>Electrically continuous or discontinuous as required</td>
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<tr>
<td>Maximum lengths</td>
<td>40m (up to 8&quot; internal diameter) 12m (above 8&quot; internal diameter)</td>
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</table>

Construction
Lining Synthentic rubber compound for petroleum products with an aromatic content up to 50%
Main reinforcement Multiple plies of high tenacity polyester cord designed for a combination of high strength and resistance to fatigue. Each layer is fully encapsulated in rubber to prevent abrasion with adjacent layers
Embed wire Helical steel wire to resist collapse and crush loads
Holding ply Textile reinforcement to increase adhesion between hose body and cover
Cover Weathering and abrasion resistant rubber compound
Fittings Built-in steel nipples with flanges or couplings to suit customer requirements

Technical Design Data

<table>
<thead>
<tr>
<th>ID</th>
<th>OD (Type C282)</th>
<th>OD (Type C283)</th>
<th>Body Weight (Type C282)</th>
<th>Body Weight (Type C283)</th>
<th>End Weight</th>
<th>MBR</th>
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<td>344</td>
<td>31.0</td>
<td>37.3</td>
<td>122</td>
<td>1.60</td>
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</tbody>
</table>
EMCO Wheaton
- Marine Loading Arms
- Top Loading Arms
- Bottom Loading Arms
- Specialty Loading Arms
- Loading Arm Accessories
- Gantry Access Equipment
- Safety Release systems
- DRY-BREAK® Couplers and Adaptors
- API Couplings and Adaptors
- Bus, Rail and Aviation Refuelling Systems
- Swivel Joints
- Tank Truck Systems and Components

TODO range
- TODO-MATIC
- TODO-GAS
- TODO-CRYO
- Break-away
- Ball Values
- Nozzles
- Safety Pressure Cap

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OIL SPILL RESPONSE

Absorbents
- Pads
- Socks
- Pillows
- Wipes
- Booms

Secondary Containment
- Spill Pallets & Spill Decks
- Hard Top & IBC Pallets
- Containment Berms
- Drum OverPacks

Stormwater Management
- Dewatering Bags
- Drain Seals
- Spill Berms
- X-Tex Rolls

Spill Kits (Oil & HazMat)
- Truckers’
- 20 Gallon
- 30 Gallon
- 65 Gallon
- 95 Gallon

POL SORB
OIL SPILL RESPONSE

Containment Booms
- River Booms
- Nearshore Boom
- Harbour Boom
- Offshore Boom
- Sargassum Seaweed Boom

Skimmers
- Drum Skimmers (Smooth & Grooved)
- Weir Skimmers
- Suction Skimmers
- Advancing

Vacuum Systems
- Trailerized
- Skid
- Portable

Dispersant Spray Systems
- Spray Arms
- Towable

Incinerators
- Cyclonic Barrel Burners
- Drug Disposal
- Medical

Response Vehicles
- Multi-Purpose
- Amphibious

Response Vessels
- Work Boats
- Oil Recovery
- Trash Collection
- Oil & Debris (ODC)
- Oil Spill Response Vessels (OSRV)

Accessories
- Anchor Systems
- Temporary Tanks
- Boom Repair Kits
- Boom Vanes
- Blowers
- Pumps & Power Packs

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IRP Fire & Safety Ltd., a member of the IRP Group, is a leading supplier of a full range of safety and environmental products and solutions, fire and gas monitoring, detection and suppression systems. We pride ourselves in offering quality products as a solution to our customers.

42 years of invaluable expertise and technical knowledge

IRP - Reliable Partner

Download Safety & Fire Protection Systems Catalogue

Reach us anywhere with our QR Code

Downloadable E-Catalogues & Brochures
FOLLOW US ON SOCIAL MEDIA

IRP Fire & Safety Ltd.

Find the hot spots.
AND THE HEARTBEATS.
First and only SCBA with integrated TIC.

Daily Updates

Product Videos & Demonstrations

Safety Tips

All Day Customer Service

Trending Topics

Caribbean Water and Wastewater Association
CWWA Exhibition Booth #48
Oct 24th - 28th 2016
Hyatt Trinidad

Sustainable Development in the Caribbean.
Join us between the 24th and 28th October, 2016.

Visit our booth.

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